

Converting Colors

YUV(87.9070, 31.5978, 38.6696)

Have a look what the booklet for
YUV(87.9070, 31.5978, 38.6696)
contains.

YUV(87.9070, 31.5978, 38.6696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.9070, 31.5978,
38.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	843598
RGB	132, 53, 152
RGB Percent	52%, 21%, 60%
CMY	0.4824, 0.7922, 0.4039
CMYK	0.13, 0.65, 0.00, 0.40
HSL	288°, 48%, 40%
HSV	288°, 65%, 60%
XYZ	16.4563, 9.7187, 30.7143
YIQ	87.9070, 15.3050, 47.5370

Conversions

Conversions Part 2

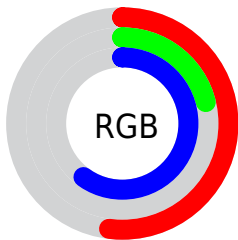
Format	Color
R_{YB}	132, 53, 152
Decimal	8664472
CIE _{Lab}	37.33, 48.79, -39.21
CIE _{LCh}	37, 62.599, 321.213
Yxy	9.7187, 0.2893, 0.1708
Android (android.graphics.Color)	4286854552 (0xFF843598)
YUV	87.9070, 31.5978, 38.6696
Hunter-Lab	31.1749, 39.6689, -36.5916

Details

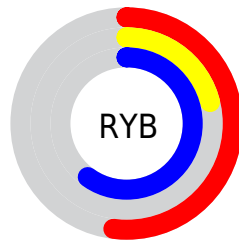
The YUV color **87.9070, 31.5978, 38.6696** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **117.0930, -31.5978, -38.6696**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4450, 32.3186, 40.8287**, and **35.0210, 32.0346, 38.5696** is the 20% darker color. If you saturate the color by 10%, you get **78.2050, 36.3809, 44.5472**, and if you desaturate by 10%, it is **97.6090, 26.8148, 32.7919**.

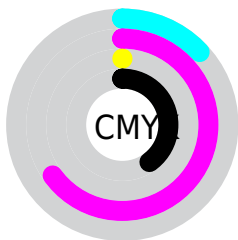
Distribution



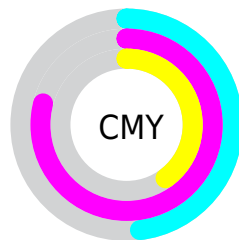
- Red (52%)
- Green (21%)
- Blue (60%)



- Red (52%)
- Yellow (21%)
- Blue (60%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (79%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9070, 31.5978, 38.6696 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 87.9070, 31.5978, 38.6696 by changing the saturation by 10% instead.

87.9070, 31.5978,
38.6696

87.9070, 31.5978,
38.6696

255.0000, 0.0000,
0.0000

60.4340, 32.3240,
39.0844

141.4450, 32.3186,
40.8287

35.0210, 32.0346,
38.5696

168.8580, 32.6080,
41.3435

24.5110, 25.3841,
24.9849

195.6580, 29.2556,
43.2729

15.0120, 18.7281,
13.1445

215.0840, 19.6786,
35.0063

4.5940, 12.5252,
-4.0289

231.5200, 11.5756,
20.5920

0.0000, 0.0000,
0.0000

248.5430, 3.1833,

5.6628

■ 87.9070, 31.5978,
38.6696

■ 87.9070, 31.5978,
38.6696

■ 78.2050, 36.3809,
44.5472

■ 97.6090, 26.8148,
32.7919

■ 68.5030, 41.1640,
50.4249

■ 107.3110, 22.0317,
26.9143

■ 58.2140, 46.2365,
56.8173

■ 117.6000, 16.9592,
20.5218

■ 53.5070, 48.5570,
59.1914

■ 127.3020, 12.1761,
14.6441

■ 137.0040, 7.3930,
8.7665

■ 146.7060, 2.6099,
2.8888

■ 156.4080, -2.1731,
-2.9888

■ 166.9960, -7.3930,
-8.7665

■ 176.6980,
-12.1761, -14.6441

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8740, 51.3341, -38.4775



87.9070, 31.5978, 38.6696



71.5940, 16.4692, 84.5481

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9070, 31.5978, 38.6696



82.8400, -40.8401, 32.5893



78.0050, 22.1825, -68.4104

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.9070, 31.5978, 38.6696



117.0930, -31.5978, -38.6696

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4900, -0.2416, -62.6967



87.9070, 31.5978, 38.6696



78.4780, -38.6897, -3.9272

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9070, 31.5978, 38.6696



78.9180, -38.9066, 65.8469



62.4160, -24.8551, -54.7388



81.8470, 41.9804, -71.7798

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.9070, 31.5978, 38.6696



65.9900, 2.4699, 94.7248



62.4160, -24.8551, -54.7388



76.0670, 14.7570, -66.7108

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.9070, 31.5978, 38.6696



170.7150, 12.4655, 15.1589



76.6130, 37.1658, -20.7086



84.3030, 7.2456, 9.3813



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9070, 31.5978, 38.6696



96.9200, 48.8464, 59.7062



90.6950, 16.4194, 53.7645



71.7060, 2.6099, 2.8888



49.4480, 44.6421, 54.8581



4.4720, 4.2043, 4.8481

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.8810, -5.8573, 58.8634



92.2810, -9.0125, 90.9616



114.3050, -16.4194, -53.7645



71.5060, -0.7425, 4.8182



45.0520, -8.4066, 83.2694



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 87.9070, 31.5978, 38.6696 looks on a white background.

Color Contrast Check

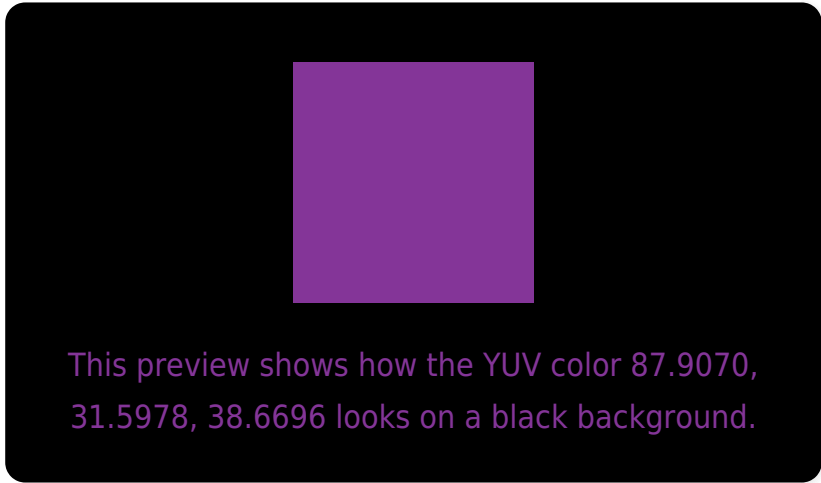
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

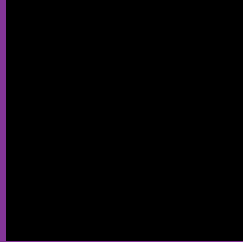
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.9070, 31.5978, 38.6696

Background



This preview shows how black text looks on a background with the YUV color 87.9070, 31.5978, 38.6696.



This preview shows how white text looks on a background with the YUV color 87.9070, 31.5978,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.9070, 31.5978, 38.6696

Protanopia

70.6430, 54.8990, -61.9539

Deuteranopia

84.4350, 30.3515, -28.4455



Tritanopia

89.6230, -4.7441, 28.3946

Trichromacy



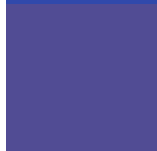
Original Color

87.9070, 31.5978, 38.6696



Protanomaly

76.6970, 46.4914, -25.1673



Deuteranomaly

85.7030, 30.7124, -4.1245



Tritanomaly

89.0870, 8.3381, 32.3727

Monochromacy



Original Color

87.9070, 31.5978, 38.6696



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.7750, 11.4499, 14.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9070, 31.5978, 38.6696 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 53, 152)` looks like.

```
.text, #text, p{  
    color:rgb(132, 53, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 53, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 53, 152) }
```

Border

The CSS property to change the border of an element to YUV 87.9070, 31.5978, 38.6696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 53, 152) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(132, 53, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(132, 53, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 53, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 53, 152);  
box-shadow:4px 4px 4px 4px rgb(132, 53,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 87.9070, 31.5978, 38.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 53, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132, 53,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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